

f-2402

(DC-2594 ).

On the Need for Introducing Automatic Couplers on  
Railroads, by L. Stankiewicz, I. T. Timoschenkov,

RUSSIAN, per, Byull Organizatsii Sotrud Zhelesnykh  
Dorog, No 3, Warsaw, 1958, pp 3-6.

\*US JPRS L-1657-D

EEor - Sov Bloc

Econ - International railroads

3 Feb 59

R-1402

(AC-2594)

The Development of Railroad Transportation in the  
Korean People's Democratic Republic During the First  
Five-Year Plan Period, by Kim Che Ir,

RUSSIAN, per, Byull Organizatsii Sotrud Zhelesnykh  
Dorog, No 3, Warsaw, 1958, pp 7-9.

\*US JPRS 1-1657-0

EZ - North Korea  
Econ - Railroads  
3 Feb 59

6-2401

( A1-2594 ).

Diesel Trains for Passenger Traffic, by S. S. Kalinin,

RUSSIAN, per, Byull Organizatsii Sotrud Zheleznykh  
Dorog, № 3, Warsaw, 1958, pp 10-15.

\*US JPRS 1-16-57-D

Eur - Sov Bloc  
Econ - International railroads  
3 Feb 59

R-2462

(DC-2574).

Notes on the Operations of the Commissions of the  
[Railroad Transportation] Committee [of the Organization  
for Railroad Cooperation],

RUSSIAN, per, Byull Organizatsii Sotrud Zhelesnykh  
Dorog, No 3, Warsaw, 1958, pp 16-18.

\*US JPRS R-1657-0

E Eur - Sov Bloc  
Econ - International railroads  
3 Feb 59

f-2462

(DC-2594).

Information [Concerning Members of the Organization  
for Railroad Cooperation],

RUSSIAN, per, Byull Organizatsii Sotrud Zhelesnykh  
Dorog, No 3, Warsaw, 1958, pp 19-21.

\*US JPRS L-1651-0

EEur - So. Bloc  
Econ - International railroads  
3 Feb 59

R-2402

(DC-2594)

Bibliography [of Railroad Literature],

RUSSIAN, per, Byull Organizatsii Sotrud Zhelesnykh  
Dorog, No 3, Warsaw, 1958, pp 22-24.

\*US JPRS L-1657-O

E Eur - Sov Bloc

Econ - International railroads

3 Feb 59

Esepkina, N. A. and Korol'kov, D. V.  
ON THE DETERMINATION OF THE PARASITIC  
POLARIZATION OF AN ANTENNA SYSTEM USED IN  
POLARIZATION MEASUREMENTS (Ob Uchete  
Parazitnoi Polaryizatsii v Antennom Sisteme pri Polari-  
zatsionnykh izmereniyakh) tr. by J. P. Ruban. [1963]  
[17p] (foreign text included) 4 refs. [CSIRO] Trans.  
no. 5898.

Order from O.S., SLA, or ETC \$1.60 TT-63-19151

Trans. of Politekhnicheskii Inst[itut] Leningr[ad].  
Nauchno-Tekhnicheskii Informatsionnyy Byuro [Seriya]  
(USSR) 1957, no. 10, p. 19-29.

DESCRIPTORS: \*Polarization, \*Antennas, Antenna  
radiation patterns, Antenna feeds, Measurements,  
Extraterrestrial radio waves, Sunspots.

(Astronomy--Astrophysics, TT, v. 11, no. 8)

TT-63-19151

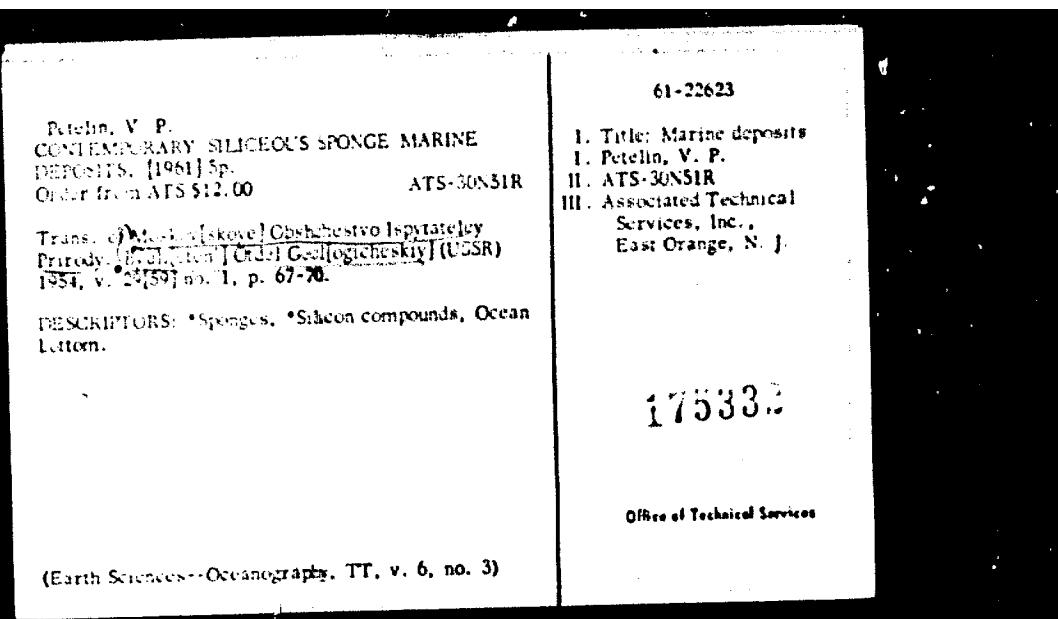
I. Esepkina, N. A.  
II. Korol'kov, D. V.  
III. CSIRO Trans-5898  
IV. Commonwealth Scientific  
and Industrial Research  
Organization (Australia)

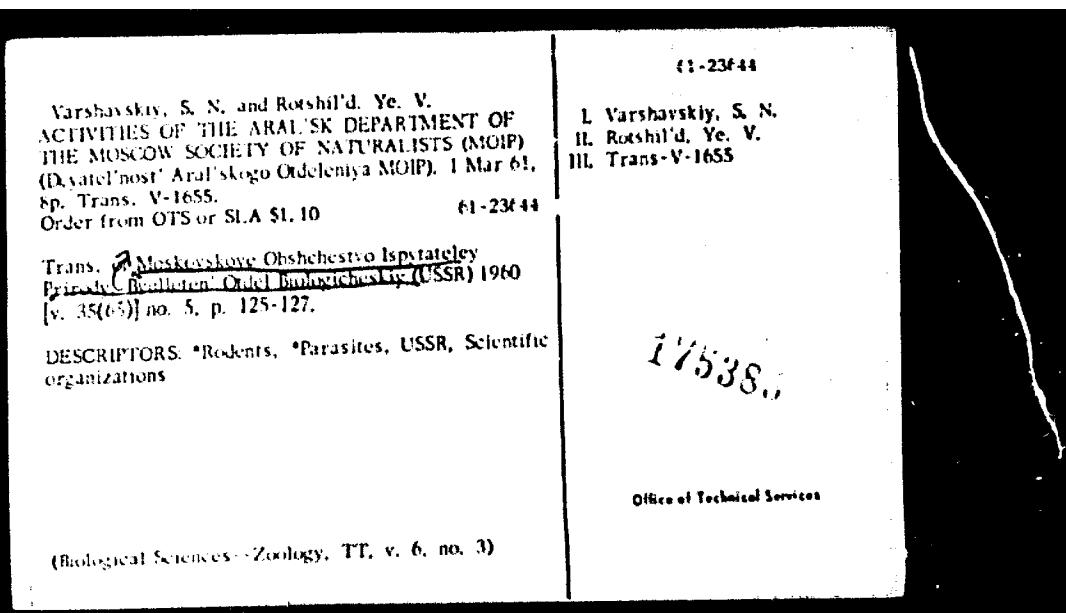
Office of Technical Services

The Diverse Characters of Winter and Spring  
Forms of Cereals in Connection With the Problem  
of Hardiness in Winter Crops, by L. I. Govorov.  
21 pp.  
RUSSIAN, per, Byull. Polk. Botan. Genetiki i  
Rastenievodarvo, Vol XIII, 1923, pp 525-559.  
OTS 63-11040  
PL-480

Sci - Agri  
Jun 64

260,397





A Note on Caenocorse Depressa Fabr. - A  
New Pest of Grain, by E. Zverozomb-Zubovskiy.  
RUSSIA, rpt, Byulleten' Rostov-Nakhichevanskaya  
na Donu Raionnaya Oblastnaya Sel'sko-Khozyainst-  
vennaya Opytnaya Stantsiya, No 147, 1923,  
pp 73-76.

NLL Ref: 5828.4F 1966 (11641)

Sci-Agriculture  
Sept 66

309,566

The Fishing Industry and the Age Limit Among  
Fishes, by F. Baranov,  
RUSSIAN, per, Byulleten Rybnogo Khoz, No 9,  
1925, pp 26-27.  
Dept of Interior  
Fish and Wildlife Service  
BCF, Bureau of Foreign Fisheries

Sci-BGN  
Jul 67

332,921

The New Winter Wheat "Odesskaya 16," by  
F. G. Kirichenko.

RUSSIAN, per, Byull Selektcionno-  
Geneticheskogo Inst im Lysenko, No 1,  
1950, pp 7-10.

CSIRO-3489

Sci

Aug 53

72, 238

Large-Scale Introduction of Hybrid Maize Seed, by  
A. S. Musiyko

RUSSIAN, per, Byull Seleksionno-Geneticheskogo  
Instituta Im Lysenko, No 1, 1956, pp 11-13.

CSIRO-3490

Sci  
Apr 59

84, 92.3

Biological Characteristics of Economic Value of the  
New Maize Strain "Odesskaya 10", by A. Musiko, P.  
Klyuchko.

RUSSIAN, per, Byull Seleksionno-Geneticheskogo  
Instituta Im Lysenko, No 1, 1956, pp 15-22.

CSIRO-3491

Sci  
Apr 59

84,924

Selective Breeding of Winter Barley / on the Principles of Directed Training and Hybridization, by P. F. Garkavyi.

RUSSIAN, per, Byull Selektsionno-Geneticheskogo Inst im Lysenko, No 1, 1956, pp 29-33  
13-27.  
CSIRO-3492

Sci

Aug 58

72, 231

Production Evaluation of the Winter Barley Odesskiy  
17, by P. F. Garkavyi.

UESIAM, per, Byull #14 Selektionno-Geneticheskogo-  
Inst im Lysenko, No 1, 1956, pp 29-33.

CSIRO-3493

Sci

Aug 58

72, 232

A Method of Breeding Highly-Productive  
Strains of Sudan Grass, by S. I. Vengre-  
novskiy.

RUSSIAN, per, Byull Selektionsno Geneticheskogo Inst im Lysenko, No 1, 1956, pp  
35-37.

CSIRO-3494

Sci

Aug 58

72,257

The Tsunami Problem, by Ye. F. Savarenaky, 6 pp.q  
RUSSIAN, per, Ryul Soveta po Geofizike, No 2, 1956,  
pp 3-7.

CIA/TDD X-4933

SLA 62-16170

198, Oct 4

Sci - Geophys

Jun 62

(2359-B)

On The Tsunami and Observations of Super Long Range Propagation of Sound in the Ocean, by I. M. Brekhovskikh, 6 pp.

RUSSIAN, per, Bulletin Soveta po Geofizike,  
No 2, 1956, pp 6-11.

JPRS L-677-11

Sci - Geophysics  
Mar 59

82,647

Bulletin of the Council of Seismology, 223 pp.

RUSSIAN, bul., Bulleten' Soveta po Seismologii,  
No 3, 1957, 150 pp. L53534-V

APIC F-T8-9556/V

Sci - Geophysics  
Nov 59

102,415

Corrections to the Jeffreys-Bullen Time-Distance  
Curve, by N. V. Kondorskaya, 5pp.

RUSSIAN, per, Byull Sov po Seismologii, No 6, 1957,  
pp 71-75,

\*OTS 64-11093  
PL-480

Sci  
Feb 64

Savarenetskii, E. F., Tishchenko, V. G. and others  
THE TSUNAMI OF 4-5 NOV 32. [1902] [60]p.  
(23 figs. omitted) 12 refs.  
Order from OTS or SLA \$5.60

62-16173

Trans. of [Akademiya Nauk SSSR. Sovet po  
Seismologii. Byulleten'] 1958, no. 4, p. 1-60.

DESCRIPTORS: \*Ocean waves, \*Underwater explo-  
sions, \*Earthquakes, Disasters, Ocean bottoms,  
Tides, Seismological stations.

62-16173

I. Savarenetskii, E. F.  
II. Tishchenko, V. G.

(Earth Sciences--Seismology, TT, v. 8, no. 5)

Office of Technical Services

Magnetic and Gravitational Fields of the  
Baikal Region as Related to its Seismicity,  
by A. P. Bulmasov,  
RUSSIAN, per, Byul Soviet Seismolog Ak Nauk  
SSSR, No 10, 1960, pp 49-58.  
DRB Canada  
T 435 R

Sci - ES  
May 66

301,391

Summary of Data on Tsunamis in the USSR, by S. L.  
Surov'yev, M. D. Ferchev, 43 pp.

RUSSIAN, per, Byul Soveta po Geofizologii, No 9, 1961,  
pp 23-55.

CIA/FDO X-4934  
SAC 62-16172  
198, 025

Sci - Geophys

Jun 62

Study of Earthquakes and Explosions With  
the Aid of Multipendulum Seismometers, by  
B. K. Karpetyan, 11 pp.  
RUSSIAN, per, Byull Sovet po Seismologii,  
Ak Nauk SSSR, No 14, 1963, pp 121-127. 9697446  
FTD-TT-65-80

Sci - Earth Sci & Astron  
Aug 65

284,400

Investigation of the Shadow Zone with Models  
of the Earth's Crust and Upper Mantle, by Yu.  
V. Riznichenko and O. G. Shumina, 20 pp.  
RUSSIAN, per, Bulletin' Soveta po Geysmologii,  
Izucheniiye Vnutrennego Stroeniya Zemli po Reys-  
micheskim Danyim, No 15, 1963, pp. 11-24.  
JPRS 30457

USSR  
Sci-ES/A  
Jun 65

281,533

The Possibility of the Influence of Solar  
Activity on the Earth's Seismicity, by A. D.  
Sytinskij, 9 pp.  
RUSSIAN, per, Bulleten' Soveta po Sismologii,  
Izucheniye Vnutrennego Strojeniya Zemli po  
Sismicheskim Dannym, No 15, 1963, pp. 67-52.  
JPRS 30457

USSR  
Sci-BS/A  
Jun 65

281,534

S-1754

Some Results of Waveguide Studies on Models,  
by V. V. Khorosheva. (DC-11323)  
RUSSIAN, bk, Byulleten' Soveta po Seismologii.  
Izucheniye Vnutrennego Stroyeniya Zemli po  
Seismicheskim Dannym, No 15, 1963, Moscow,  
pp 53-59.

\*JPRS

Sci - ES  
Apr 65

Detection of Heterogeneities in the Structure  
of the Earth's Mantle Using Travel-Time Curves  
of Direct Seismic Waves, by G. N. Bugayevskiy,  
16 pp.  
RUSSIAN, per, Bulleten' Soveta po Seismologii,  
Izucheniye Vnutrennego Stroeniya Zemli po Seis-  
micheskim Dannym, No 15, 1963, pp. 60-71.  
JPNB 30457

URSSR  
Sci-BS/A  
Jun 65

281,536

Classification of Structures of the Earth's  
Crust Using Seismic Data, by I. P. Kosminskaya,

10 pp.

RUSSIAN, per, Bulleten' Soveta po Seismologii,  
Izucheniye Vnutrennego Stroeniya Zemli po  
Seismicheskim Dannym, No 15, 1963, pp. 95-100.

JPRS 30457

USSR  
Sci-BS/A  
Jun 65

281,537

Structure of the Earth's Crust and A Travel-  
Time Curve of the Northeastern Part of the  
Baltic Shield, by G. D. Pusasenko, 23 pp.  
RUSSIAN, per, Bulletin' Soveta po Geofizike,  
Izucheniye Vnitrernego Stroeniya Zemli po  
Seymicheckim Dannym, No 15, 1963, pp. 112-128.  
JPRS 30457

USSR  
Sci-ES/A  
Jun 65

281,538

Experience in Using Instrumental Methods of  
Seismogram Analysis, by D. P. Kinoes, Yu. A.  
Kolesnikov and A. V. Rykov, 9 pp.  
RUSSIAN, per, Byulleten' Soveta po Seismologii,  
Izucheniye Vnutrennego Strojeniya Zemli po  
Seismicheskim Dannym, No 15, 1963, pp. 139-  
145.  
JPRS 30457

USSR  
Sci-ES/A  
Jun 65

281,539

Automatic Recording of Local Earthquakes Using  
a General Radio Time Signal, by G. N. Korostin,

7 pp.

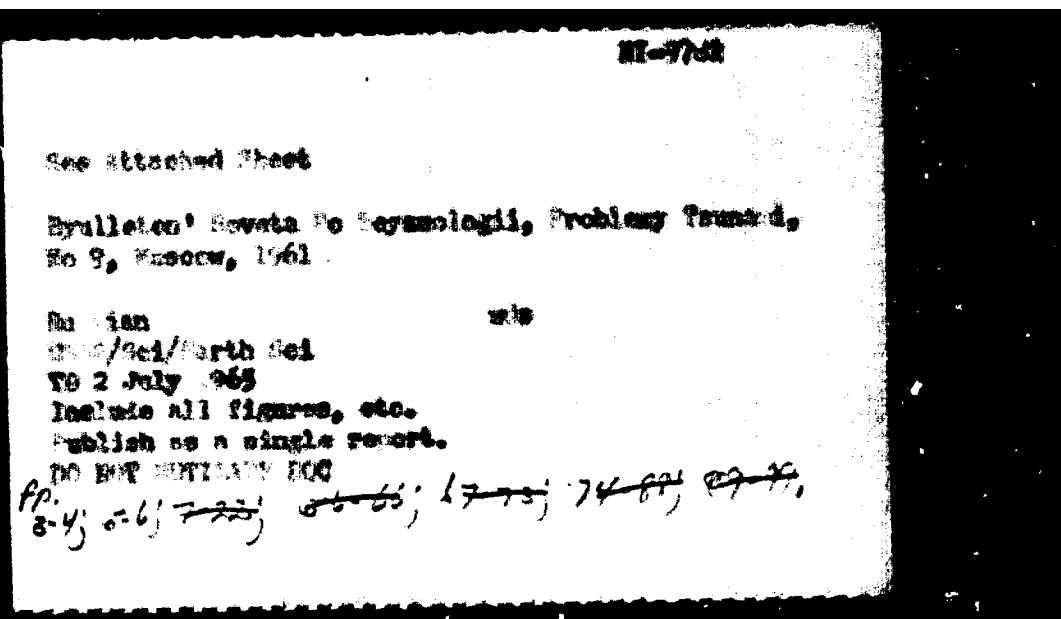
RUSIAN, per, Byulleten' Soveta po Seismologii,  
Izucheniiye Vnitrennego Stroeniya Zemli po  
Seismicheskim Dannym, No 15, 1963, pp. 163-

173.

JPRB 30457

UBER  
Sci-~~IS~~/A  
Jun 65

281,540



On the Conditions of Tsunami Formation, by G.  
I. Popov, 22 pp.  
RUSSIAN, per, Bulleten' noveta po seismologii,  
problemu tsunami, No 9, 1961, pp. 7-22.  
JPRS 31019

USSR  
Sci-ES/A  
Aug 65

283,844

Special High-Speed Seismic Equipment for  
Tsunami Warning, by D. P. Kornos and A. V.  
Rykov, 13 pp.  
RUSSIAN, per, Bulleten' soveta po seismologii,  
problemy tsunami, No 9, 1961, pp. 56-66.  
JPRS 31019

USSR  
Sci-ES/A  
Aug 65

203,845

Tsunami Recorders Built by the Scientific  
Research Institute of Hydrometeorological  
Instrument Building, by I. M. Shenderovich,  
8 pp.  
RUSSIAN, per, Bulletin' soveta po geofizike,  
problemu tsunami, No 9, 1961, pp. 67-73.  
JPRS 31019

USSR  
Sci-ES/A  
Aug 65

283,846

Some Peculiarities of the Coastal Relief of  
the Kuril-Kamchatka Zone in Connection with  
Tsunami Problems, by P. A. Kaplin and A. S.  
Ionin, 20 pp.  
RUSSIAN, per, Bulleten' soveta po seismologii,  
problemy tsunami, No 9, 1961, pp. 74-88.  
JPRS 31019

USSR  
Sci-BS/A  
Aug 65

283,847

Preliminary Data on the 6 November 1958  
Earthquake and Tsunami, by V. N. Aver'yanova,  
S. A. Fedotov, and M. D. Ferchov, 13 pp.  
RUSSIAN, per, Byulleten' soveta po seismologii,  
problemy tsunamii, No 9, 1961, pp. 89-99.  
JPRS 31019

USSR  
Sci-ES/A  
Aug 65

283,848

C R 21/63

Bulletin of Seismological Council ~~MEM~~ Noll,<sup>17/18</sup> (SF-2496)

RUSSIAN, bk, Byulleten' Soveta po Seismologii Noll,  
Zemletrgaseniya u Beregov Kamchatki, 1959, Moscow,  
1960, pp 3-5, 17 (conclusion only) 45-63.

\*JPRS/Special

USSR-  
Geog

Feb 63

THE DISCOVERY OF SUBMERGED HIGHLANDS ON THE SEA  
BOTTOM OF THE INDIAN OCEAN, BY V. N. MEAL'TSEV.

RUSSIAN, PER, BYULLESEN' SOVETSKOY ANTARKTICHESKOY  
EXPEDITSII, NO 4, 1959..

DEPT OF INTERIOR  
GC1 E57 NO 25

SCI - GEOPHYS

NOV 62

216,723

Certain Characteristics of the Temperature  
Regime of the Free Atmosphere Over Antarc-  
tica, by A. M. Kovrova, 5 pp.

RUSSIAN, par, Byul Sovet Antarkticheskaya  
Ekspeditsiya Informatsionnyy, No 4, 1959,  
pp 27-31.

SLA 60-23059

Sci  
Vol IV, No 7  
Apr 62

193, 855

Katabatic Winds of the Coast of East Antarctica, by N. P. Ruzin, 5 pp.

RUSSIAN, per, Evul Sovetskaya Antarkticheskaya  
Ekspeditsiya Informatsionnyy, No 4, 1959,  
pp 33-34

SLA 60-23062

Sci  
Vol IV, No 7  
Ayr 62

193, 856

Concerning Cyclonic Activity in the High  
Latitudes of the Southern Hemisphere, by P.  
D. A. Lepenko, 6 pp.

RUSSIAN, par, Byul Sovet Antarkticheskaya  
Ekspeditsiya Informatsionnyy,  
No 5, 1959, pp 26-31.

SLA 60-23061

Sci  
Vol IV, No 7  
Apr 62

193,854

Peculiarities in the Formation of a Snow  
Cover in Antarctica, by I. D. Kopanav,  
4 pp.

RUSSIAN, per, Bull Sovet Antark Ekspeditsiya,  
Informatsionnyy, No 5, 1959, pp 32-34.

SLA 60-23060

Sci  
Vol IV, No 7  
Apr 62

193, 852

By Radio From Antarctica, 9 pp.

RUSSIAN, per, Byul Sovet Antarticheskoy Expeditsii,  
No 9, pp 48-50; No 10, pp 34, 35; No 11, pp 46-48,  
1959.

ICC 113

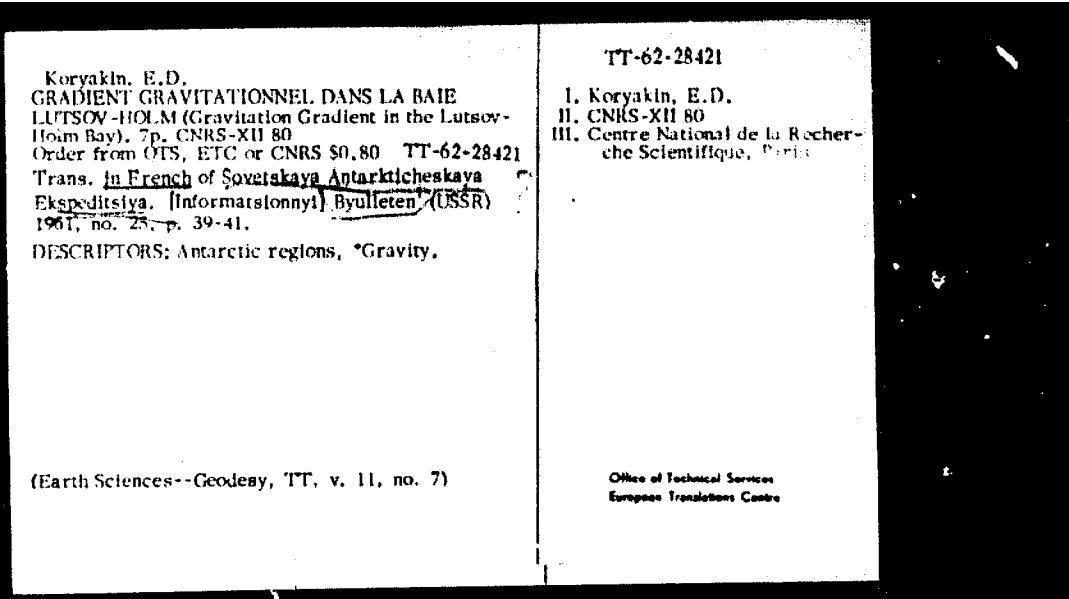
Sci - Geophys  
May 60

116,656

The Meridional Aerological Cross Section Between  
the Tropics of the Northern and Southern Hemisphere  
by L. A. Zhdanov, 6 pp.  
RUSSIAN, per, Bulletin 'Sovetskoi Antarkticheskoi  
Ekspeditsii', No 22, 1960, pp 32-35. 9692005  
Emmanuel Coll Res Lang Ctr  
E-T-R-63-12  
OTS 77-64-13754  
Sci - Earth Sci & Astron  
Apr 64

253,897

NLL Reg: 77/13.75 1964 (E-T-R 63-12)  
(LOAN COPY)



The 5th Antarctic Expedition, by E. S. Korotkevich,  
RUSSIAN, per, Sovetskaya Antarkticheskaya Exspeditsiya,  
Byulleten, Vol XXIX, 1961, pp 16-21.

NZDIA

Sci  
Dec 62

The Problem of Employing Microseisms for Weather  
Forecasting at Mirny, by A. D. Sytinsky,

RUSSIAN, per, Sovetskaya Antarkticheskaya Ekspeditsiya. Byulleten, No 29, 1961, pp 33-38.

NZDIA

Sci  
Dec 62

Character of Changes in the Blood in Persons Wintering  
at the Vostok Station, by I. L. Tikhomirov, 6 pp.  
RUSSIAN, per, Byulleten' Sovetskoy Antarkticheskoy  
Ekspeditsii, No 31, 1961, pp 44-47. 9695654  
FTD-TT-64-285

Sci - Biol & Med Sci  
Jan 65

270,465

On the Nature of the Great Eastern Drift,  
by I. V. Maksimov.

RUSSIAN, per, Byul Sovet Antarkticheskoy  
Expeditsii, No 32, 1962, pp 5-9.

MLL N 5076

Sci - Earth Sci & Astron  
May 63

229,337

FEB 1963

Diffusion of Meteoric Trails, by O. V. Dobrovolskiy,  
23 pp.

RUSSIAN, per, Byulleten' Stalin Astronomicheskogo  
Observatorija, No 1, 1952, pp 15-26.

Sci Tr Center  
RM-4060 39,170

Sci - Astronomy  
Sep 56 CMS/dex

Photographic Determination of the Integral Brightness of  
the Corona During the Total Solar Eclipse of 25 Feb<sup>19</sup>52,  
in Archman, by A. K. Sosnova.

RUSSIAN, p. , Byul Stalinabadskaya Astron Observatoriya,  
No 9, 1954, pp 22-24. 11P 4159133

\*ATIC MCL-239/III

Sci - Astron

Jul 59

Telecom IC 41541

Table of Contents of "Bull Stalinebad Astron.  
Obs", No 10, 9,

CIA/FDD/X-163<sup>4</sup>

Yearly Course of the Frequency of Telescopic  
Metors, by A. M. Bakharov, 2 pp,

RUSSIAN, per, Ryall, Stalinabad Ast. Com.,  
No 11, 1954,

CIA/RDP/X-1635

23,751

Scientific - Astronomy.

May 55 CBS

Table of Contents, 1 p.

RUSSIAN, per, Byull Stalinabad Astron Observatory,  
No 14, 1955.

CIA/FDD X-2176

Table of Contents, 1 p.

RUSSIAN, per, Byull Stalinabad Astron Observatory,  
No 15, 1956.

CIA/FDD X-2176

Table of Contents only of:

RUSSIAN, per, Byull Stalinabad Astron Obs, No 16, 1956.

CIA/FDD X-2333

Table of Contents only of:

RUSSIAN, per, Byull Stalinabad Astron Obs, No 17, 1956.

CIA/FDD X-2333

Table of Contents of:

RUSSIAN, per, Byull Stal, Astron Obs, Stalinabad, No 18,  
1956.

CIA/FDD X-2620

Dec 57

1957 / FDD X-2620

Table of Contents of:

RUSSIAN, per, Eyull Stal, Astron Obs, (Stalinabad,  
No 19, 1956.

CIA/FDD X-2628

Dec 57

CIA/FDP X-30572

(DC-2631)

Forward, 2 pp.

RUSSIAN, bk, Byulleten' Stantsiy Opticheskogo  
Nablyudeniya Iskusstvennykh Sputnikov Zemli,  
No 1, 1958, p 1.

■ JPRS-773-D

Sci - Geophysics  
Jun 59

(DC-2631)

Graphic Method of Computing Visibility Conditions  
of the American Satellite 1958, by M. A. Lur'ye,  
V. A. Tol'skaya, 7 pp.

RUSSIAN, bk, Byulleten' Stantsii Opticheskogo  
Nabлюдения Искусственных Спутников Земли,  
No 1, 1958, pp 3-6.

■ JPRS-773-D

Sci - Geophysics  
Jun 59

90,570

(DC-2631)

Method for Rapid Calculation of Visibility  
of AEE Artificial Earth Satellites (AES), by  
M. Ye. Nabokov, 3 pp.

RUSSIAN, bk, Bulleten' Shantaiy Soticheskogo  
Nablyudeniya Iakhovskogo Shantaiika Yemli,  
No 1, 1958, pp 7, 8.

2 JERS-773-D

Sci - Geophysics  
Jun 59

90,571

(DC-2631)

Modernization of the AT-1 Astronomical  
Telescope Used in Determining Horizontal Co-  
ordinates of Artificial Earth Satellites (AES),  
by V. I. Kuryshov, 5 pp.

RUSSIAN, bk, Bulleten' Stantsiiiv Opticheskogo  
Nabliudeniya Teknicheskikh Sputnikov Zemli,  
No 1, 1958, pp 9-12.

35 JPRS-773-D

Sci - Geophysics  
Jun 59

90,565

(DC-2631)

Comparison of AES Observations Conducted With  
the Aid of ShT-1 Theodolites and AT-1 Tele-  
scopes, by D. Ye. Shchegolev, 2 pp.

RUSSIAN, bk, Byulleten' Stantsiy Opticheskogo  
Nablyudeniya Iskusstvennykh Sputnikov Zemli,  
No 1, 1958, pp 13-14.

JPRS-773-D

Sci - Geophysics  
Jun 59

(DC-2631)

Results of AES Photographic Observations, 2 pp.

RUSSIAN, bk, Byulleten' Stantsiy Opticheskogo  
Nablyudeniya Iskusstvennykh Sputnikov Zemli,  
No 1, 1958, pp 15, 16.

7  
~~REF ID: A6590~~  
JPRS 773-D

Sci - Geophysics  
Jun 59

(DC-2631)

Bibliography, 4 pp.

RUSSIAN, bk, Bulletin Statisticheskogo  
Nablyudeniya Tekhnicheskikh Sputnikov Zemli,  
No 1, 1958, pp 17, 18.

JRC-773-D

Sci - Geophysics  
Jun 59

90,566

(DC-2631)

Appendix I. Observations of AFB 1957  $\alpha_1$   
and 1957  $\alpha_2$ , by Soviet Stations, 25 pp.

RUSSIAN, bk. Zurnal Shtastiv Opticheskogo  
Nabliudeniya Izmereniy Sputnikov Zemli,  
No 1, 1970, pp 22-24.

JNIS 773-9

Sci - Space Res  
Jul 59

90, 561

(DC-2631)

Appendix II. Observations of AEs by Foreign  
Stations, 18 pp.  
*I, II, and III*

RUSSIAN, bk, Bulleten' Stantsii Opticheskogo  
Mehlyudeniya DNRZ Informatsionnykh Sputnikov ZEMI,  
No 1, 1958, pp 25, 26.

JPRS-773-D

Sci - Geophysics  
Jun 59

90,567

Photographic Tracking of Artificial Satellites  
in the USSR--Supplement, 21 pp.

bk(?)  
RUSSIAN, per, Byulleten' stantsii [REDACTED] opticheskogo nablyudeniya zemnatvennykh sputnikov zemli, No 2, 1958, [REDACTED] June 1959.

AF 1255842

Sci - Space Research

Sept 59

95, 549

Special Satellite Plate Holder ("Sp. K"), by  
Ye. Ya. Bugalskaya, 2 pp.

RUSSIAN, per, Byulleten' Sistemii Opticheskogo  
Nablyudeniya Iakustvennykh Sputnikov Zemli,  
No 7, 1959.

NASA TT P-19

Sci-Space Res

Jun 60

A Method for Photographing the Rocket Carrier  
of the Third Artificial Earth Satellite by Means  
of Narrow Film (35 mm) Cameras, by F. M.  
Poroshin, 2 pp.

RUSSIAN, per, Byulleten' Sistemii Opticheskogo  
Nablyudeniya Iakhusatvennykh Sputnikov Zemli,  
No 7, 1959,

NASA TT F-19

Sci - Space Res

Jun 60

Changes in the Brightness of the Rocket Carrier,  
by V. P. Tsesevich, 9 pp.

RUSSIAN, per, Byulleten' Stantsii Opticheskogo  
Nabлюдения Iakusatvennykh Sputnikov Zemli,  
No 7, Moscow, 1959.

NASA TT F-19

Sci - Space Res

Jun 60

117,546

Concerning Observations of Changes in the Brightness of the Rocket Carrier of the Third Artificial Earth Satellite, by B. N. Gimmel'farb, V. A. Artamova, 3 pp.

RUSSIAN, per, Bulleten' Stantsii Opticheskogo Neoblyudeniya Iakushevnykh Sputnikov Zemli, No 7, Moscow, 1959.

NASA TT F-19

Sci-Space Res

Jan 60

117,547

The Rotation Period of the Rocket Carrier of the  
Third Soviet Artificial Satellite 1958  $\delta_1$ , by  
V. P. Tsesevich, 11 pp.

RUSSIAN, per, Byulleten' Stantsii Opticheskogo  
Nabлюдeniya i Issledovaniy Sputnikov Zemli,  
No 7, 1959.

NASA TT F-19

Sci - Space Res

Jun 60

117,549

Computer Operating With the AT-1 Telescope, by  
S. V. Yaroshcvich, 4 pp.

RUSSIAN, per, Syulleten' Sistematičeskogo  
Nablyudenija Iakusstvennykh Sputnikov Zemli,  
No 7, 1959.

NASA TT F-19

Sci - Space Res

Jun 60

11549

Results of Photographic Observations of Artificial  
Earth Satellites, 5 pp.

KOMSLAN, per, Dyulleten' Stantsii Opticheskogo  
Mablyudeniya Izkusstvennykh Sputnikov Zemli,  
No 7, 1959.

NASA TT P-19

Sci - Space Res

Jun 60

117,875

Conference of the Chiefs of Stations for Visual  
Observations of Artificial Earth Satellites, by  
V. A. Tol'skaya, 4 pp.

RSSIAN, <sup>RR</sup>, Byulleten' Stantsii Opticheskogo  
Nablyudeniya Izdelstvennykh Sputnikov Zemli,  
No 7, Moscow, 1959.

NASA TT F-19

Sci - Space Res

Jun 60

117,553

Appendix I, Observations of Artificial Earth  
Satellites by Soviet Stations, 3 pp.

RUSSELM, per, Byulleten' Stantsii Opticheskoy  
Mehlyudeniya Iakusotvchnykh Sputnikov Zemli,  
No 7, 1959.

NASA TT P - 19

Sci - Space Res

Jun 60

111,877

S-456/60

(NY-4394)

A Mobile Chart for Calculating an Optical "Fence",  
by Ye. Z. Gindin, 35 pp.

RUSSIAN, per, Byull Sotsiy Opticheskogo  
Nabliudeniya Iskusstvennykh Sputnikov Zemli,  
No 8, 1959, pp 1-9./6.

JPRS 5146

Sci - Space research

Aug 60

121,798

Appendix II,  
Observations of Artificial Earth Satellites  
by Foreign Stations, 4 pp.

RUSSIAN, per, Bulleten' Stantsii Opticheskogo  
Nabлюдeniya Iakusstvennykh Sputnikov Zemli,  
No 7, 1959.

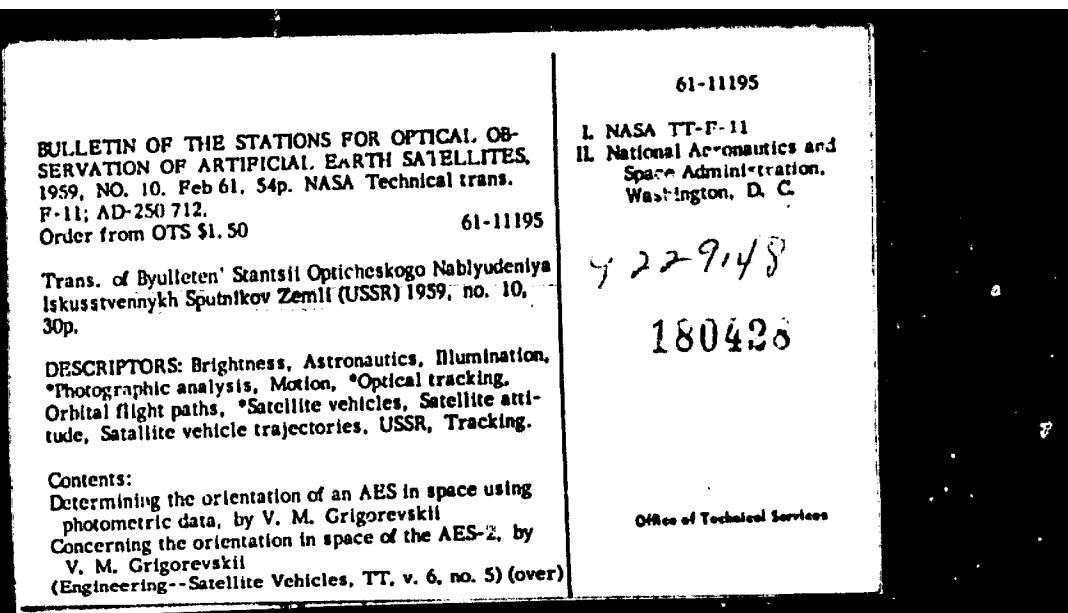
NASA TT F-19

Sci - Space Rec

Jun 60

117,896

<p>Grigorevskii, V. M. THE ORIENTATION OF SPUTNIK 2 IN SPACE (Ob Orientatsial v Prostyanete ISZ-2) tr. by J. W. Palmer. May 60 [7p] IAE Library Trans. no. 899. Order from OTS, SLA, or ETC \$1.10 TT-63-24299</p> <p>Trans. of Byulleten' Stantsii Opticheskogo Nabliudeniya Iskusstvennykh Sputnikov Zemli (USSR) 1959, no. 10, p. 4-7. (Abstract available) Another trans. is available from OTS \$1.50 as TT-61-11195, NASA TT-F-11, Feb 61, 54p.</p> <p>DESCIPTO.S: *Spacecraft, *Satellites (Artificial), . rotation, Brightness, Measurement,</p> <p>By measuring the variation of brightness of Sputnik 2, it is shown that the direction of its axis of rotation in space, in mid-March 1958 was: right ascension -74.9°, declination -25.9°. The probable error of the result is 2° to 3°. (Author) (Engineering-Satellite Vehicles, TT. v. 11, no. 5)</p>	<p>TT-63-24299</p> <p>I. Title: Sputnik 2 I. Grigorevskii, V. M. II. IAE Trans-899 III. Royal Aircraft Establishment (Gr. Brit.)</p> <p>Office of Technical Services</p>
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RUSSIAN, per, Byul Stantsiy Opticheskogo  
Nablyudeniya Iskusstvennykh Sputnikov Zemli,  
No 1, 1960, pp 14-22.

\*NASA

Sci  
Aug 60

An Attempt to Determine Certain Parameters of  
the Earth's Gravitational Field From the  
Results of Observations of Satellites 1957  
β 2, 1958, δ 1, 1958, δ 2, by I. D. Zhongolovich, 27 pp.

RUSSIAN, par, Bull Stant Optiches Nablyudeni  
Iskuss Sputnik Zemli, No 2, 1960, pp 1-124.

OTS 77-63-242d9  
RAK 913

167,870

Sci Geophys

Sep 61

On Phenomena Observed at the Instant of Impact of  
the Second Soviet Cosmic Rocket on the Moon, by O. B.  
Dluzhnevskaya, 9 pp.

RUSSIAN, per, Bulleten' Stantsiy Opticheskogo  
Nabлюдения Искусственных Спутников № 1, No 4,  
1960, pp 1-6.

RAE-tr-938  
072 LA 21 AFIC 77-68 24323

Sci - Space Res

CIA/FDD X-4698

Aug 61

163,647

A NEW SATELLITE TRACKING INSTRUMENT, LUN-3, BY  
V. M. TIYT, 8 PP.

RUSSIAN, PER, BYULLEHEN STANTSIIY OPTICHESKOGO  
NABLYUDENIYA TSKUSSTVENNYKH SPUTNIKOV ZEMLI,  
NO 5, 1960, PP 1-6.

JPRS 17775

SCI-SP RES  
MAR.63

224,148

S-163/63

A Semiautomatic Telescope for Satellite Observation,  
by Ya. E. Einasto. (DC-8437) *440*

RUSSIAN, per, Byulleten' Stantsiy Opticheskogo  
Nablyudeniya Iskusstvennykh Sputnikov Zemli,  
No 5, 1960, pp 6-9.

JPRS *17725*

Sci - Space Res

Feb 63

Stations for Optical Observations of  
Artificial Earth Satellites, 29 pp.

RUSSIAN, per. Fyul Stansiy Opticheskogo  
Nabliudeniya osobennostey Sputnikov Zemli,  
No 7 (17), 1960.

NASA TT P-74

Sci - Space/Res

3 Apr 62

187.748

CTS TT-63-24329

Bulletin of the Stations for Optical Observation  
of Artificial Earth Satellites, II, 25 pp.

RUSSIAN, per, ~~Bulleten Stantsii Opticheskogo~~  
~~Nauchno-issledovaniya Sputnikov Zemli,~~  
~~No 8, 1960, pp 3-13, 20-23. 9679268~~

FED-TI-62-861

Sci-Astron, Space  
Dec 62

219,373

Variation of the Period of Rotation of Sputnik 2,  
by V. N. Grigorevskiy.

RUSSIAN, per, Byulleten Shtantsiy Opticheskogo  
Nabliudeniya nad Iskusstvennykh Sputnikov  
Zemli, No 8, 1960, pp 14-20.

RAE Lib Trans No 956  
ON, Space 77-63242-30(14A)  
176,000

Sci - Space Res

Dec 61

Conference of Observers of Artificial Satellites in the Socialist Countries, by O. A. Severnaya, 8 pp.

RUSSIAN, per, Eksp Dyal Stantsiy Opticheskogo Naukovedeniya Nabliudeniya Iskusstvennykh Sputnikov Zemli, No 10(2), 1960, pp 28-30.

CIA/FDD XX-1208  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Jul 62

USIB INTERNAL USE ONLY

202,893

Visual-Photographic Observations of Faint Satellites  
by Using Standard Equipment of Satellite Photographic  
Observation Stations, by B. A. Firago, 7 pp.

RUSSIAN, per, Byul Stantsiy Opticheskogo Nabliudeniya  
Iskusstvennykh Sistemnikov Zemli, No 10, 1960, pp 3-7.

CIA/FDD XX-1207  
NOT RELEASABLE TO FOREIGN NATIONALS

Sci

Jul 62

USIB INTERNAL USE ONLY

202,892

On the Adjustment of Artificial Earth Satellites  
Satellite Positions to Stars, by  
B. N. Gimmelfarb, 5 pp.

RUSSIAN, per, Byulleten' Stantsiy Opticheskogo  
Nabliudeniya Iskusstv, Sputnikov Zemli, No 10,  
1960, pp 8-10. 9653280

PTD-TT-62-1885

Sci-Aero  
Jun 63

234,549

Determining Spheromides of Man-Made Earth  
Satellites at Point of Reapproachment, by Ya. E.  
Kynasto, S. A. Kutusov, 13 pp.

RUSSIAN, per, Byull. Stantsii Opticheskogo  
Nabliudeniya Iakusticheskikh Sputnikov Zemli,  
No 10, 1960, pp 12-23. 9605392

PTD-TT-63-545

Sci-Aero

Aug 63

34 3,571